

L Number	Hits	Search Text	DB	Time stamp
-	27	"5232299"	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT	2004/08/31 11:16
-	4	(("5232299") or ("4203044") or ("3679483") or ("3342336")).PN.	USPAT	2004/08/31 11:24
-	4	(("5232299") or ("5203044") or ("3679483") or ("3342336")).PN.	USPAT	2004/09/01 07:29
-	1	"20020134117" and ball	US-PGPUB	2004/09/01 07:30
-	6391	(ball joint) and 239/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT;	2004/09/01 07:31
-	208	("ball joint") and 239/\$.ccls.	US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/01 07:37
-	5	(("pivot joint" or "ball joint") near25 (storage or store or "in use" or using)) and 239/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 07:40
-	3	(("pivot joint" or "ball joint") near25 (storage or store or "in use" or using)) and 239/\$.ccls.	USOCR	2004/09/01 07:43
-	5	(("pivot joint" or "ball joint" or universal) near25 (storage or store or "in use" or using)) near25 (wand or lance or nozzle or sprayer)	USOCR	2004/09/01 07:44
-	35	(("pivot joint" or "ball joint" or universal) near25 (storage or store or "in use" or using)) near25 (wand or lance or nozzle or sprayer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 07:48
-	83	(("pivot joint" or "ball joint" or universal) near25 (wand or lance or nozzle or sprayer)) same (storage or store or "in use" or using)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 07:54
-	18	(("pivot joint" or "ball joint" or universal) near25 (wand or lance or nozzle or sprayer)) and (4/\$.ccls. or 312/228.1.cccls. or 312/228.cccls.)	USOCR	2004/09/01 08:06
-	23	(("pivot joint" or "ball joint" or universal) near25 (wand or lance or nozzle or sprayer)) and (4/\$.ccls. or 312/228.1.cccls. or 312/228.cccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 08:11
-	385	(("pivot joint" or "ball joint" or universal) near25 (wand or lance or nozzle or sprayer)) and (wash or washing or clean or cleaning)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 08:16
-	101	(("pivot joint" or "ball joint" or universal) near35 (wand or lance or nozzle or sprayer)) and ((spraying or spotting or spotter or wash or washing or clean or cleaning or decontaminating or disinfecting or launder or laundering) same (sink or basin or tub or vessel or tank))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:22
-	82	(("pivot joint" or "ball joint" or universal) near35 (wand or lance or nozzle or sprayer)) and ((spraying or spotting or spotter or wash or washing or clean or cleaning or decontaminating or disinfecting or launder or laundering) same (sink or basin or tub or vessel or tank))	USOCR	2004/09/01 08:22

-	323	((ball or "pivot joint" or "ball joint" or universal) near35 (wand or lance or nozzle or sprayer)) and ((spraying or spotting or spotter or wash or washing or clean or cleaning or decontaminating or disinfecting or launder or laundering) same (sink or basin or tub or vessel or tank))	USOCR	2004/09/01 09:28
-	584	((ball or "pivot joint" or "ball joint" or universal) near35 (wand or lance or nozzle or sprayer)) and ((spraying or spotting or spotter or wash or washing or clean or cleaning or decontaminating or disinfecting or launder or laundering) same (sink or basin or tub or vessel or tank))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 09:15
-	105	((ball near5 socket) or "pivot joint" or (ball adj5 joint) or universal) near35 (wand or lance or nozzle or sprayer)) and ((spraying or spotting or spotter or wash or washing or clean or cleaning or decontaminating or disinfecting or launder or laundering) same (sink or basin or tub or vessel or tank))	USOCR	2004/09/01 09:16
-	142	((ball near5 socket) or "pivot joint" or (ball adj5 joint) or universal) near35 (wand or lance or nozzle or sprayer)) and ((spraying or spotting or spotter or wash or washing or clean or cleaning or decontaminating or disinfecting or launder or laundering) same (sink or basin or tub or vessel or tank))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 09:28
-	176679	("ball joint" or (ball adj5 socket) or "pivot joint" or (ball adj5 joint) or (pivot adj5 joint)) near35 ("spray nozzle" or wand or lance or nozzle or sprayer)) (134/\$.ccls. or 4/\$.ccls. or 15/\$.ccls. or 68/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 09:32
-	92	("ball joint" or (ball adj5 socket) or "pivot joint" or (ball adj5 joint) or (pivot adj5 joint)) near35 ("spray nozzle" or wand or lance or nozzle or sprayer)) and (134/\$.ccls. or 4/\$.ccls. or 15/\$.ccls. or 68/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 09:33
-	51	("ball joint" or (ball adj5 socket) or "pivot joint" or (ball adj5 joint) or (pivot adj5 joint)) near35 ("spray nozzle" or wand or lance or nozzle or sprayer)) and (134/\$.ccls. or 4/\$.ccls. or 15/\$.ccls. or 68/\$.ccls.)	USOCR	2004/09/01 09:33
-	233	("ball joint" or (ball adj5 socket) or "pivot joint" or (ball adj5 joint) or (pivot adj5 joint)) near35 ("spray nozzle" or wand or lance or nozzle or sprayer)) and (134/\$.ccls. or 4/\$.ccls. or 15/\$.ccls. or 68/\$.ccls. or 239/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:23
-	139	("ball joint" or (ball adj5 socket) or "pivot joint" or (ball adj5 joint) or (pivot adj5 joint)) near35 ("spray nozzle" or wand or lance or nozzle or sprayer)) and (134/\$.ccls. or 4/\$.ccls. or 15/\$.ccls. or 68/\$.ccls. or 239/\$.ccls.)	USOCR	2004/09/01 11:07
-	58	(ARTICULATED) near35 ("spray nozzle" or wand or lance or nozzle or sprayer)) and (134/\$.ccls. or 4/\$.ccls. or 15/\$.ccls. or 68/\$.ccls. or 239/\$.ccls.)	USOCR	2004/09/01 11:08
-	230	(ARTICULATED) near35 ("spray nozzle" or wand or lance or nozzle or sprayer)) and (134/\$.ccls. or 4/\$.ccls. or 15/\$.ccls. or 68/\$.ccls. or 239/\$.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:21

-	1536	"WASHING MACHINE" SAME ("spray nozzle" or wand or lance or nozzle or sprayer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:24
-	93	"WASHING MACHINE" SAME ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USOCR	2004/09/01 11:35
-	48	"WASHING MACHINE" SAME ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:35
-	182	"WASHING MACHINE" AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USOCR	2004/09/01 11:35
-	213	"WASHING MACHINE" AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:36
-	249	(68/. CCLS. OR 8/\$.CCLS. OR "WASHING MACHINE") AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:37
-	203	(68/. CCLS. OR 8/\$.CCLS. OR "WASHING MACHINE") AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USOCR	2004/09/01 11:37
-	285	(68/. CCLS. OR 8/\$.CCLS. OR "WASHING MACHINE") AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (PIVOTED OT PIVOTING OT PIVOT OR ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USOCR	2004/09/01 11:37
-	280	(68/. CCLS. OR 8/\$.CCLS. OR "WASHING MACHINE") AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (PIVOTED OT PIVOTING OT PIVOT OR ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/01 11:44
-	1333	(68/. CCLS. OR 8/\$.CCLS. OR "WASHING MACHINE" OR DISHWASHER OR 134/\$.CCLS.) AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR20 (PIVOTED OT PIVOTING OR PIVOT OR ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 06:07
-	679	(68/. CCLS. OR 8/\$.CCLS. OR "WASHING MACHINE" OR DISHWASHER OR 134/\$.CCLS.) AND ("spray nozzle" or wand or lance or nozzle or sprayer) NEAR25 (PIVOTED OT PIVOTING OT PIVOT OR ARTICULATED OR MOVABLE OR ADJUSTABLE OR "BALL JOINT" OR (BALL NEAR6 JOINT) OR "BALL SOCKET" OR (BALL NEAR6 SOCKET))	USOCR	2004/09/02 07:08

-		15	((0927549") or ("3173730") or ("3342336") or ("3577214") or ("3611456") or ("3679483") or ("4591485") or ("4686123") or ("4906318") or ("5203044") or ("5232299") or ("5381574") or ("6391061") or ("6376444") or ("6482242")).PN.	USPAT	2004/09/02 07:25
-		0	etching same ((nozzle or jet or spray) near15 (sonic or ultrasonic or megasonic))	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 07:26
-		0	etching same ((nozzle or jet or spray) near15 (sonic or ultrasonic or megasonic))	USOCR	2004/09/02 07:26
-		13	(etching or etch) same ((nozzle or jet or spray) near15 (sonic or ultrasonic or megasonic))	USOCR	2004/09/02 07:28
-		172	(etching or etch) same ((nozzle or jet or spray) near15 (sonic or ultrasonic or megasonic))	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 07:45
-		3	(washing machine) near55 "partial wash"	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 07:45
-		319	("washing machine") same ("partial wash" or prewash or prespot or prespotter or prespotted or spot)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 07:47
-		143	("washing machine") same ("partial wash" or prewash or prespot or prespotter or prespotted or "spot clean")	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 07:59
-		0	("washing machine") same "partial adj5 wash"	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 07:59
-		0	("washing machine") and "partial adj5 wash"	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 07:59
-		28	("washing machine") same ("partial wash" or prewash or prespot or prespotter or prespotted or "spot clean")	USOCR	2004/09/02 07:59
-		44	("washing machine") and ("partial wash" or prewash or prespot or prespotter or prespotted or "spot clean")	USOCR	2004/09/02 08:02
-		58	("washing machine") and ((partial adj5 wash) or prewash or prespot or prespotter or prespotted or "spot clean")	USOCR	2004/09/02 08:04
-		14	((("washing machine") and ((partial adj5 wash) or prewash or prespot or prespotter or prespotted or "spot clean")) not ((("washing machine") and ("partial wash" or prewash or prespot or prespotter or prespotted or "spot clean"))	USOCR	2004/09/02 08:02
-		8	("dry cleaner") and ((partial adj5 wash) or prewash or prespot or prespotter or prespotted or "spot clean")	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 08:05
-		2	("dry cleaner") and ((partial adj5 wash) or prewash or prespot or prespotter or prespotted or "spot clean")	USOCR	2004/09/02 08:17
-		3	"04224793"	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR	2004/09/02 08:23
-		0	((sonic or ultrasonic or megasonic) near15 (nozzle or jet or sprayer)) near25 ("ball joint" or (ball adj5 joint) or (ball adj5 socket))	USOCR	2004/09/02 08:26

	1	((sonic or ultrasonic or megasonic) near15 (nozzle or jet or sprayer)) near25 ("ball joint" or (ball adj5 joint) or (ball adj5 socket))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 08:26
	1	((sonic or ultrasonic or megasonic or vibration or oscillator or oscillated) near15 (nozzle or jet or sprayer)) near25 ("ball joint" or (ball adj5 joint) or (ball adj5 socket))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 08:27
	3	((sonic or ultrasonic or megasonic or vibration or oscillator or oscillated) near25 (nozzle or jet or sprayer)) same ("ball joint" or (ball adj5 joint) or (ball adj5 socket))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 08:29
	3	((sonic or ultrasonic or megasonic or vibration or oscillator or oscillated or vibrator) near25 (nozzle or jet or sprayer)) same ("ball joint" or (ball adj5 joint) or (ball adj5 socket))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 08:29
	5	((supersonic or sonic or ultrasonic or megasonic or vibration or oscillator or oscillated or vibrator) near25 (nozzle or jet or sprayer)) same ("ball joint" or (ball adj5 joint) or (ball adj5 socket))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 08:30
	34	((supersonic or sonic or ultrasonic or megasonic or vibration or oscillator or oscillated or vibrator) near25 (nozzle or jet or sprayer)) same ("ball joint" or (ball adj5 joint) or (ball adj5 socket))	USOCR	2004/09/02 08:33
	0	("wash tub" or (laundry near10 sink) or "laundry tub") same ((nozzle or jet or sprayer or facet or spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 11:15
	4	("wash tub" or (laundry near10 sink) or "laundry tub") same ((nozzle or jet or sprayer or facet or spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted )	USOCR	2004/09/02 11:17
	4	("wash tub" or (laundry near10 sink) or "laundry tub") same ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted )	USOCR	2004/09/02 11:18
	0	("wash tub" or (laundry near10 sink) or "laundry tub") same ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 11:18
	5	68/\$.ccls. and ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 11:48
	71	68/\$.ccls. and ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted )	USOCR	2004/09/02 11:51
	118	68/\$.ccls. and ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket))	USOCR	2004/09/02 11:44

-	71	68/\$.cccls. and ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted )	USOCR	2004/09/02 11:44
-	0		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 11:45
-	0		USOCR	2004/09/02 11:45
-	47	(68/\$.cccls. and ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) ) not (68/\$.cccls. and ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted ) )	USOCR	2004/09/02 11:51
-	36	68/\$.cccls. and ((nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 11:51
-	203	239/\$.cccls. and (((sprayer or nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted ))	USOCR	2004/09/02 12:02
-	180	239/\$.cccls. and (((sprayer or nozzle or jet or sprayer or faucet spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted ))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 12:03
-	180	239/\$.cccls. and (((sprayer or nozzle or jet or sprayer or faucet or spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted ))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 12:29
-	56	4/\$.cccls. and (((sprayer or nozzle or jet or sprayer or faucet or spigot) same "ball joint" or (ball adj5 joint) or (ball adj5 socket)) same (shift or pivot or pivoted or adjusted or store or stored or shifted ))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 12:30
-	879	("wash tub" or (laundry near10 sink) or "laundry tub")	USOCR	2004/09/02 12:35
-	1559	("wash tub" or (laundry near10 sink) or "laundry tub")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 12:34
-	333	("wash tub" or (laundry near10 sink) or "laundry tub") and (nozzle or jet or sprayer or faucet or spigot)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 13:37
-	1	("6584634").PN.	USPAT	2004/09/02 13:33
-	246	("wash tub" or (laundry near10 sink) or "laundry tub") and (nozzle or jet or sprayer or faucet or spigot)	USOCR	2004/09/02 13:36
-	269	("wash tub" or (laundry near10 sink) or "laundry tub") and (spout or sprinkler or nozzle or jet or sprayer or faucet or spigot)	USOCR	2004/09/03 06:14
-	78	("wash tub" or (laundry near10 sink) or "laundry tub") and (sprinkler or spout)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/02 13:37

	2	"2154566" and pump	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 06:15
	2	"2154566" and (pump or recirculation or recirculate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 06:15
	2	"2154566" and (pump or recirculation or recirculate)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 06:23
	4	"2154566" and pump	USOCR	2004/09/03 06:33
	4	"2154566" and (pump or recirculate or recirculating or recirculation)	USOCR	2004/09/03 07:12
	473	68/184.cccls.	USOCR	2004/09/03 07:13
	174	68/184.cccls. and (sink or tub or basket)	USOCR	2004/09/03 07:59
	123	68/3ss.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 08:28
	3	"02005996"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 08:39
	5	"4906318"	USPAT	2004/09/03 08:39
	39790	((sonic or ultrasonic or megasonic) near15 (nozzle or jet or sprayer or sprinkler or spout)) 162/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 08:44
	20	((sonic or ultrasonic or megasonic) near15 (nozzle or jet or sprayer or sprinkler or spout)) and 162/\$.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 08:45
	3	((sonic or ultrasonic or megasonic) near15 (nozzle or jet or sprayer or sprinkler or spout)) and 162/\$.cccls.	USOCR	2004/09/03 08:51
	2154	((sonic or ultrasonic or megasonic or supersonic) near15 (nozzle or jet or sprayer or sprinkler or spout or horn or amplifier or concentrator))	USOCR	2004/09/03 08:54
	8	((sonic or ultrasonic or megasonic or supersonic) near15 (nozzle or jet or sprayer or sprinkler or spout or horn or amplifier or concentrator)) and ((washing or wash or clean or cleaning) near15 (ribbon or web or textiles or clothes or fabric or laundry or garments or clothing or web))	USOCR	2004/09/03 08:56
	376	((sonic or ultrasonic or megasonic or supersonic) near15 (nozzle or jet or sprayer or sprinkler or spout or horn or amplifier or concentrator)) and ((washing or wash or clean or cleaning) near15 (ribbon or web or textiles or clothes or fabric or laundry or garments or clothing or web))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 10:12
	1	"20020134117"	US-PGPUB	2004/09/03 09:26
	1	"20020134117" and slit	US-PGPUB	2004/09/03 09:26
	331	((sonic or ultrasonic or megasonic or supersonic) near15 (nozzle or jet or sprayer or sprinkler or spout or horn or amplifier or concentrator)) and ((washing or wash or clean or cleaning) near15 (yarn or filaments or strands or wire or fibre))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 10:14

-	466	((sonic or ultrasonic or megasonic or supersonic) near15 (nozzle or jet or sprayer or sprinkler or spout or horn or amplifier or concentrator)) and ((washing or wash or clean or cleaning) near15 (flim or plastic or yarn or filaments or strands or wire or fibre))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 10:16
-	236	((sonic or ultrasonic or megasonic or supersonic) near15 (nozzle or jet or sprayer or sprinkler or spout or horn or amplifier or concentrator)) and ((washing or wash or clean or cleaning) near15 (flim or plastic or yarn or filaments or strands or wire or fiber) same (water or liquid or solution or chemical or detergent))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 10:18
-	511	((sonic or ultrasonic or megasonic or supersonic) near15 (nozzle or jet or sprayer or sprinkler or spout or horn or amplifier or concentrator)) and ((washing or wash or clean or cleaning) near15 (film or plastic or yarn or filaments or strands or wire or fiber) same (water or liquid or solution or chemical or detergent))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/03 10:18